AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application;

--1. (Currently Amended) A data processing apparatus having a central processing unit and a memory for use in a system having a plurality of components, said apparatus comprising:

a driver for controlling operations of writing to and reading from a recording medium, wherein;

a check point manager unit for communicating between the plurality of components and the driver; and

a status storing database unit for storing a dependency relationship between the plurality of components, wherein

when a status-storing process is requested by a component [[a]] of the plurality of components the dependency relationship of said component from said status storing database unit and stored data is stored as a snapshot file in said recording medium; and

when a status-recovering process is requested a status of said component is recovered based on using said snapshot file stored in said recording medium in a sequence based on the dependency relationship stored in said recording medium.

--2. (Previously Presented) The data processing apparatus according to claim 1, wherein said snapshot file includes a tag having one of a name and an identification of said component.

--3.   (Previously Presented)   The data processing apparatus according to claim 1, wherein said status-storing process and said status-recovering process call a function existing in an address for said component.

--4.   (Original)   The   data   processing   apparatus according to claim 1, wherein said recording medium is a portable recording medium.

--5.   (Currently Amended)   A data processing method including a central processing unit and a memory for use in a system   having   a   plurality   of   components,   said   method comprising the steps of:

controlling writing to and reading from a recording medium, said controlling performed by a driver;

communicating between the plurality of components and the driver by using a checkpoint manager;

storing a dependency relationship between the plurality of components in a status-storing database;

storing [[a]] the dependency relation relationship of said a component of the plurality of components and stored data as a snapshot file in said recording medium when a status-storing process is requested by [[a]] the component; and

recovering a status of said component based on using said snapshot file stored in said recording medium in a sequence based on the dependency relationship stored in said recording

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medium when a status-recovering process is requested.

--6. (Previously Presented) The data processing method according to claim 5, wherein said snapshot file includes a tag having one of a name and an identification of said component.

--7. (Previously Presented) The data processing method according to claim 5, wherein said status-storing processing and said status-recovering process call a function existing in an address for said component.

--8. (Original) The data processing method according to claim 5, wherein said recording medium is a portable recording medium.

--9. (Cancelled)

--10. (Currently Amended) A storage medium for storing a software program in a computer-readable form, wherein said software program contains computer software describing a data processing method for execution on a computer system and is stored physically in said computer-readable form; and said data processing method is applied to an apparatus including a central processing unit and a memory for use in a system having a plurality of components, said software program comprising the steps of:

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controlling writing to and reading from a recording medium, said controlling performed by a driver;

communicating between the plurality of components and the driver by using a checkpoint manager;

storing a dependency relationship among the plurality of components in a status-storing database;

storing [[a]] the dependency ~~relation~~ relationship of a component of said plurality of components and stored data as a snapshot file in said recording medium when a status-storing process is requested by said component; and

recovering a status of said component ~~based on~~ using said snapshot file stored in said recording medium in a sequence based on the dependency relationship stored in said record medium when a status-recovering process is requested.

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